

- (e) said template DNA molecule has a sequence that encodes amino acid sub-sequence  $Y\Delta_5P$ , wherein  $\Delta_5$  is an amino acid other than proline;
- (f) said template DNA molecule has a sequence that encodes amino acid sub-sequence  $P\Delta_6A$ , wherein  $\Delta_6$  is an amino acid other than valine;
- (g) said template DNA molecule has a sequence that encodes amino acid sub-sequence  $\Delta_7IG$ , wherein  $\Delta_7$  is an amino acid other than tyrosine;
- (h) said template DNA molecule has a sequence that encodes amino acid sub-sequence  $YIGG\Delta_8$ , wherein  $\Delta_8$  is an amino acid other than alanine or serine;
- (i) said template DNA molecule has a sequence that encodes amino acid sub-sequence  $A\Delta_9P$ , wherein  $\Delta_9$  is an amino acid other than isoleucine;
- (j) said template DNA molecule has a sequence that encodes amino acid sub-sequence  $G\Delta_{10}A$ , wherein  $\Delta_{10}$  is an amino acid other than valine;
- (k) said template DNA molecule has a sequence that encodes amino acid sub-sequence  $Y\Delta_3G$ , wherein  $\Delta_3$  is an amino acid other than alanine, and said template DNA molecule also has a sequence that encodes one of the group consisting of:
- (1) sub-sequence  $Q\Delta_{11}S$ , wherein  $\Delta_{11}$  is an amino acid other than proline,
  - (2) sub-sequence  $IGG\Delta_{12}$ , wherein  $\Delta_{12}$  is an amino acid other than threonine,
  - (3) sub-sequence  $SWXL\Delta_{13}$ , wherein  $\Delta_{13}$  is an amino acid other than serine,
  - (4) sub-sequence  $L\Delta_{14}Y$ , wherein  $\Delta_{14}$  is an amino acid other than asparagine, and
  - (5) sub-sequence  $G\Delta_{15}XGL$ , wherein  $\Delta_{15}$  is an amino acid other than tyrosine;
- (l) said template DNA molecule has a sequence that encodes amino acid sub-sequence  $\Delta_7IG$ , wherein  $\Delta_7$  is an amino acid other than tyrosine, and said template DNA molecule also has a sequence that encodes one of the group consisting of:
- (1) sub-sequence  $Q\Delta_{11}S$ , wherein  $\Delta_{11}$  is an amino acid other than proline,
  - (2) sub-sequence  $IGG\Delta_{12}$ , wherein  $\Delta_{12}$  is an amino acid other than threonine,
  - (3) sub-sequence  $SWXL\Delta_{13}$ , wherein  $\Delta_{13}$  is an amino acid other than serine,
  - (4) sub-sequence  $L\Delta_{14}Y$ , wherein  $\Delta_{14}$  is an amino acid other than asparagine, and
  - (5) sub-sequence  $G\Delta_{15}XGL$ , wherein  $\Delta_{15}$  is an amino acid other than tyrosine; and
- (m) said template DNA molecule has a sequence that encodes amino acid sub-sequence  $T\Delta_{16}G$ , wherein  $\Delta_{16}$  is an amino acid other than leucine, and said template DNA molecule also has a

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sequence that encodes amino acid sub-sequence YV $\Delta_{17}$ G, wherein  $\Delta_{16}$  is an amino acid other than alanine.

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Please cancel claims 5-13 and 25 without prejudice.